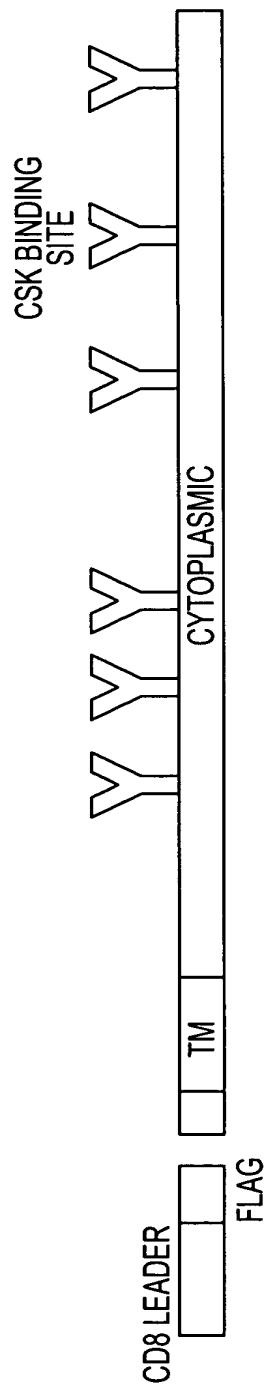




PAG



Y = SITE FOR TYROSINE PHOSPHORYLATION

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CONSTRUCT
NAME:
C-TERM
POSITION

-3-2-10	
— (TRL) —	WT
— (ARA) —	C-ARA
— (I) —	ΔPL

FIG. 1



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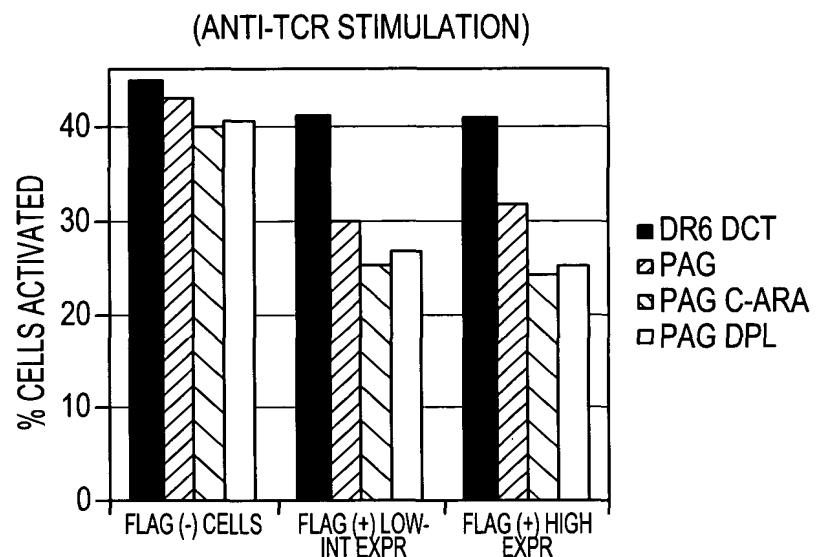


FIG.2A

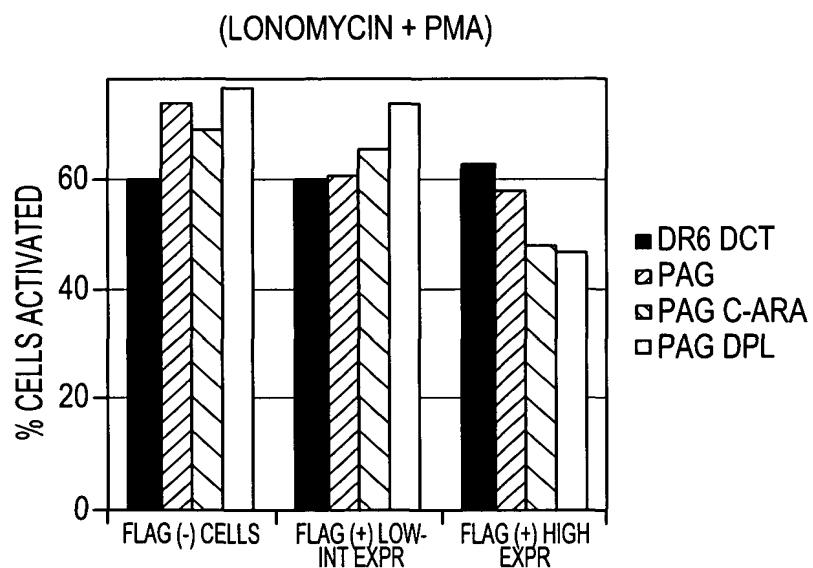


FIG.2B

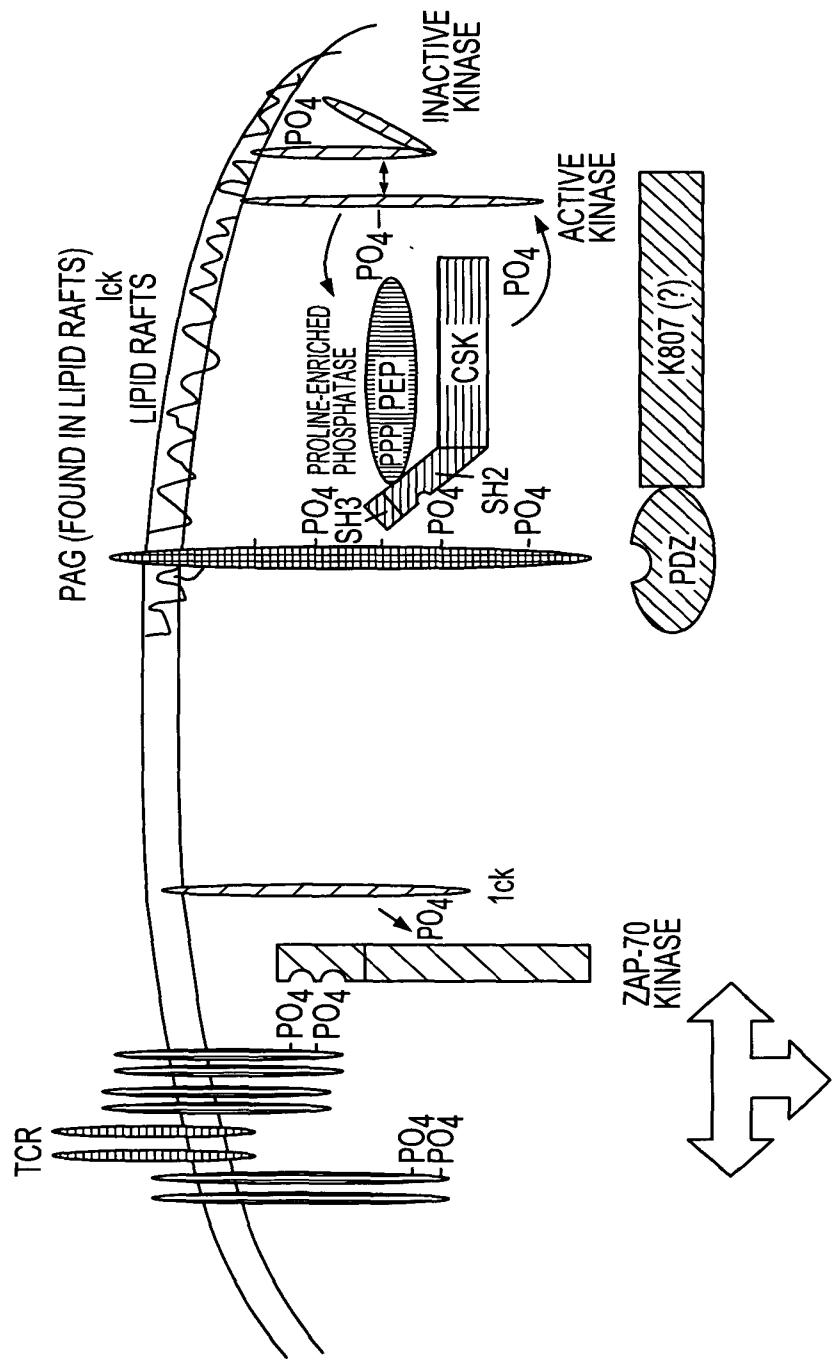


FIG. 3

SIGNAL TRANSDUCTION



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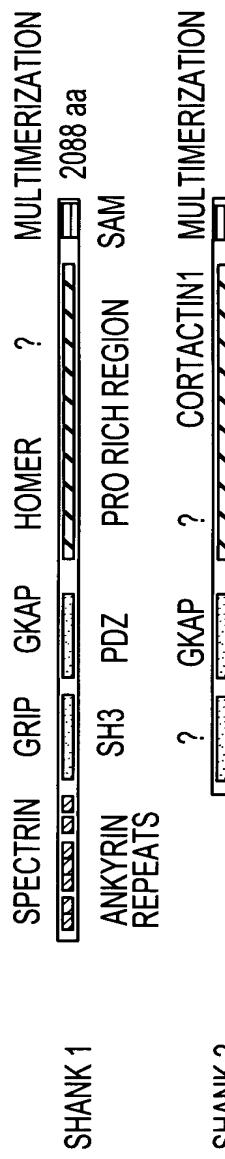
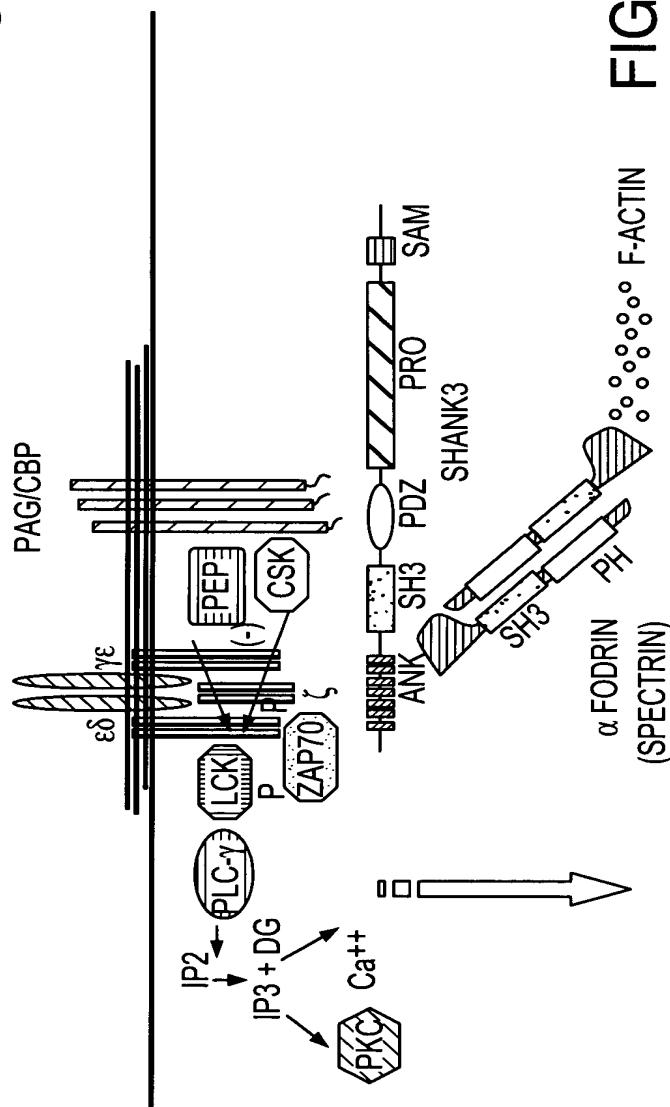


FIG. 4A





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DNAM-1 peptide binding to PDZ domains

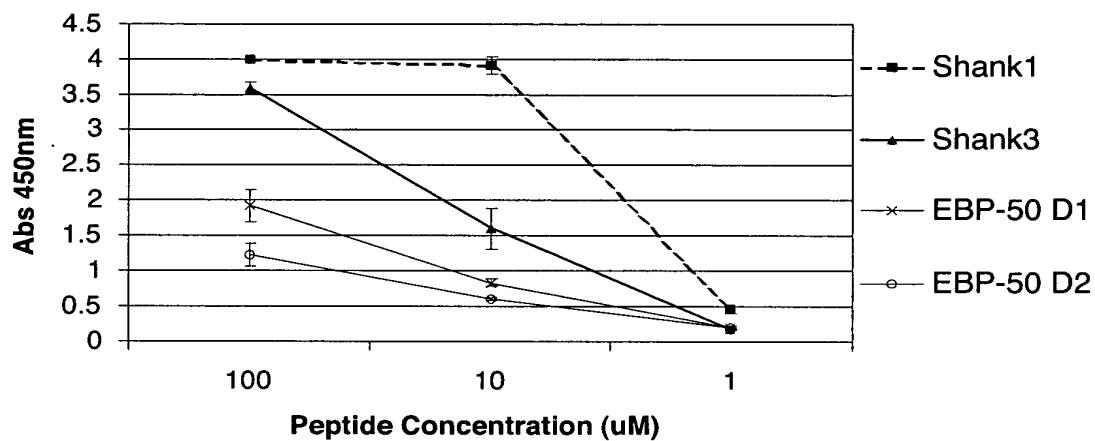


FIG.5A

Shroom peptide binding to PDZ domains

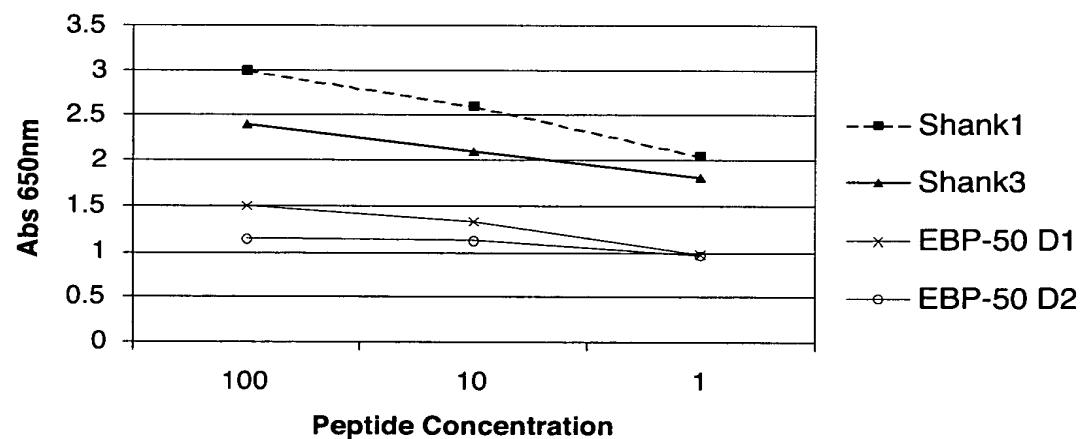


FIG.5B



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PTEN peptide binding to PDZ domains

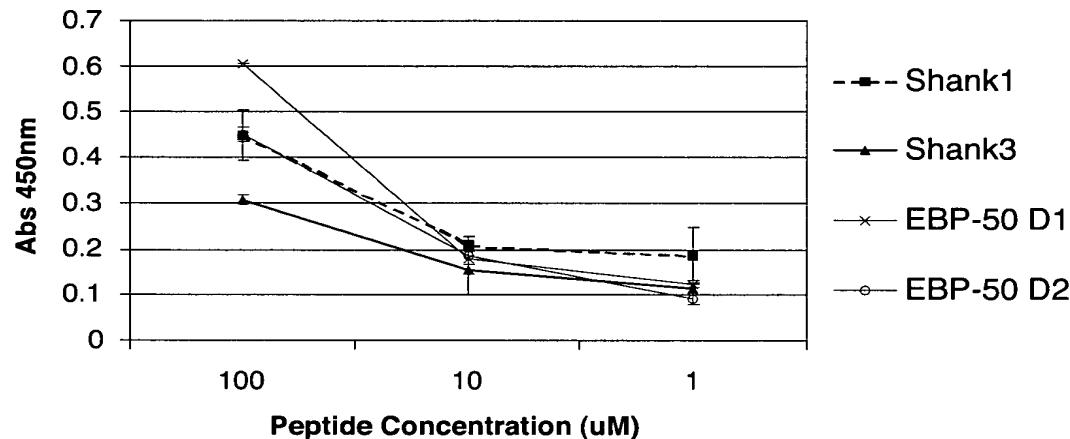


FIG.5C

BLR-1 peptide binding to PDZ domains

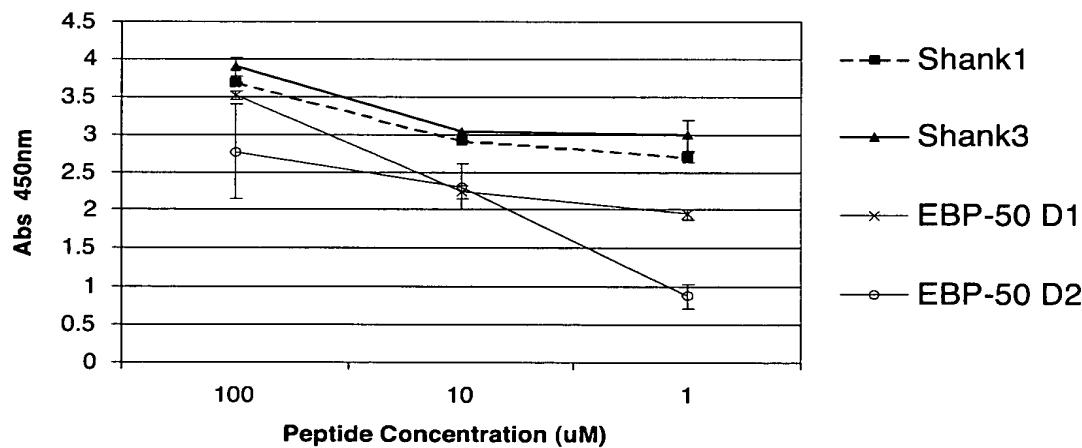


FIG.5D



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Na+/Pi contranporter 2 peptide binding to PDZ domains

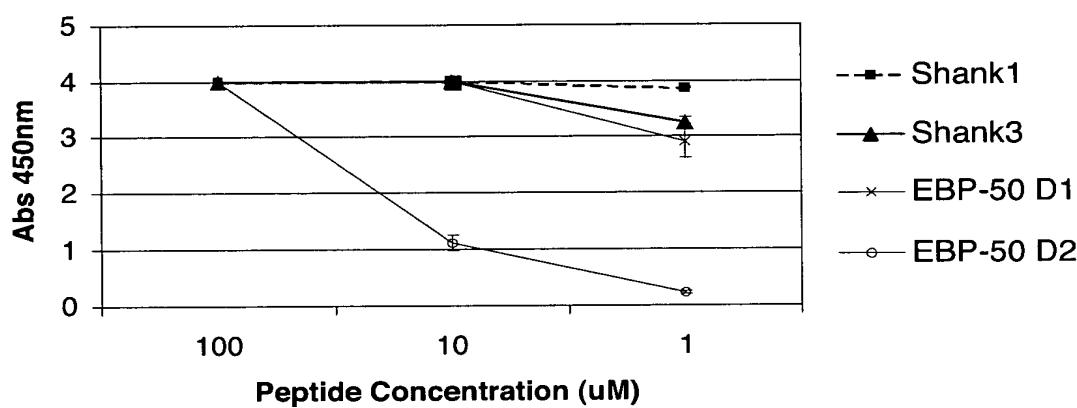


FIG.5E

PAG peptide binding to PDZ domains

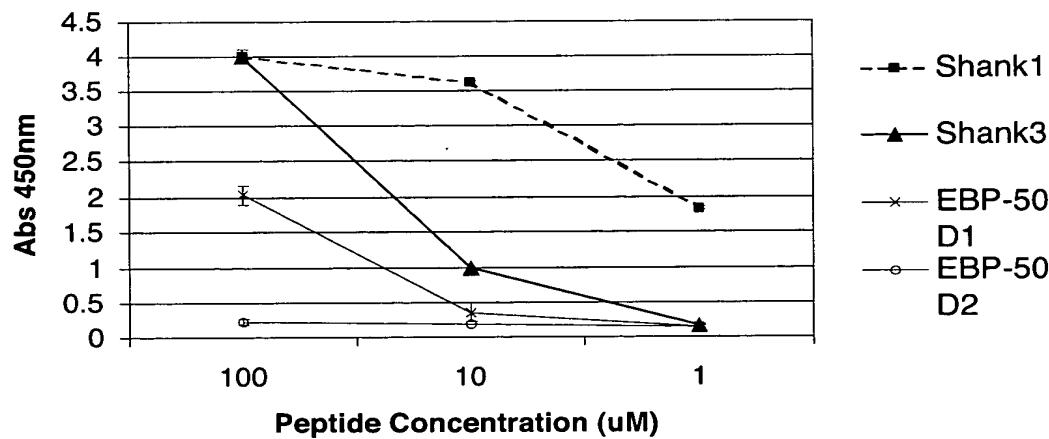


FIG.5F



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CD34 peptide binding to PDZ domains

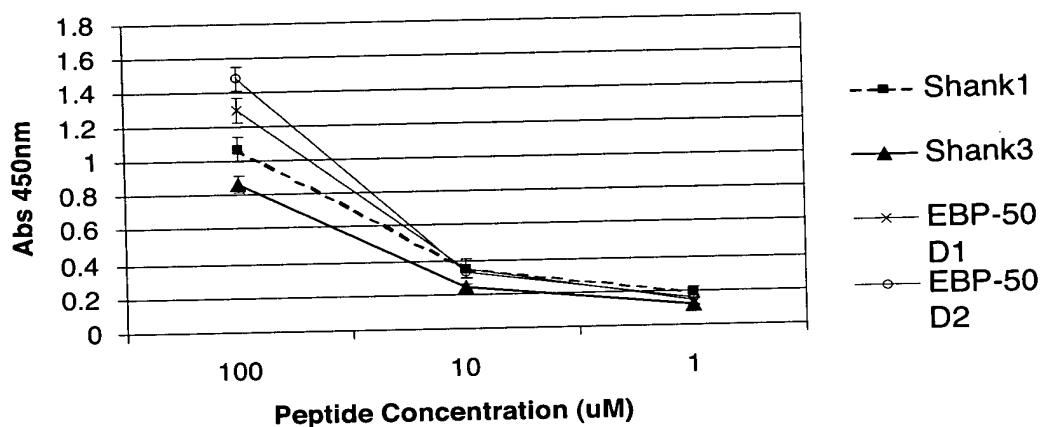


FIG.5G

LPAP peptide binding to PDZ domains

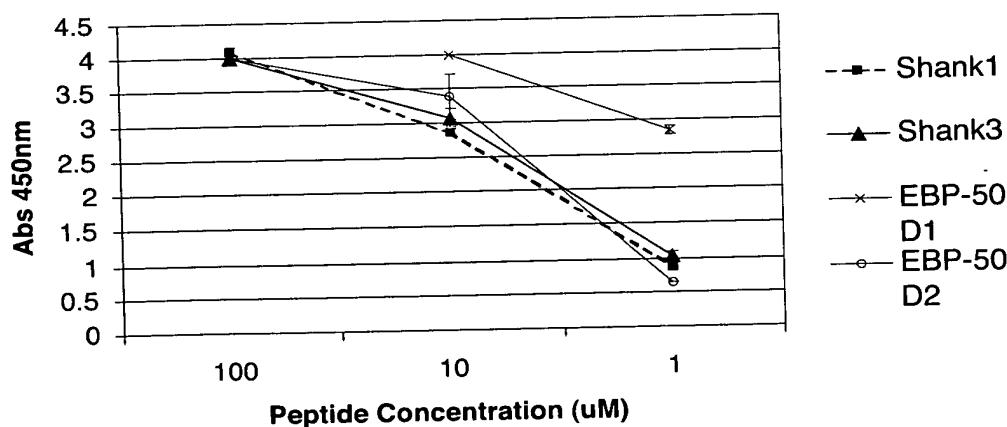


FIG.5H



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Dock2 peptide binding to PDZ domains

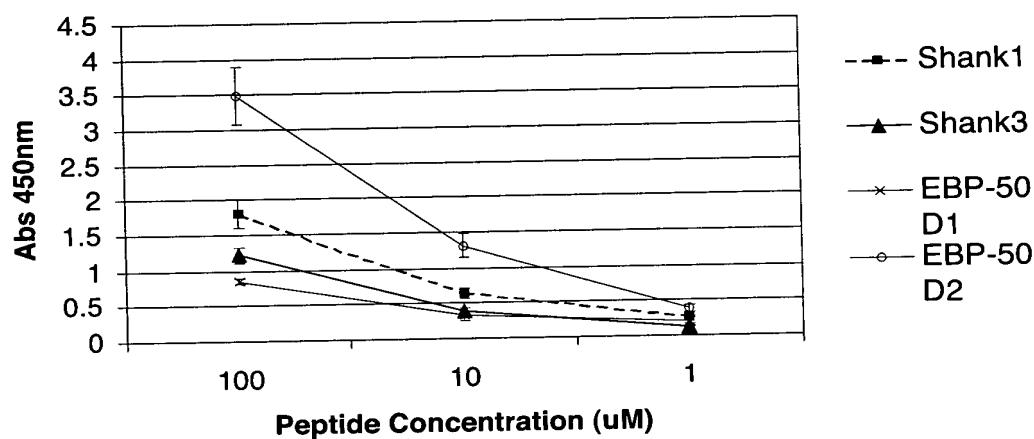


FIG.5I



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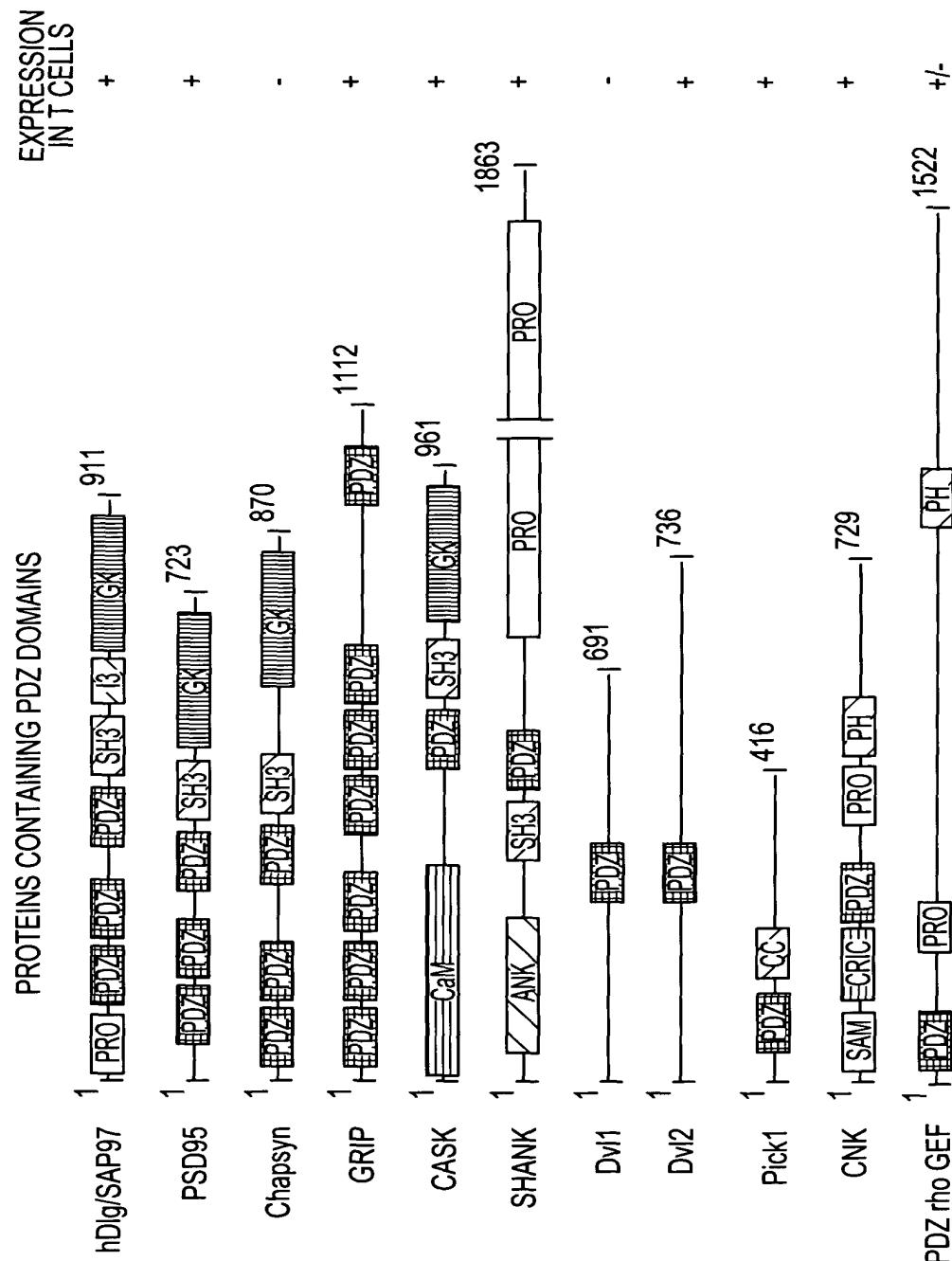


FIG.6A



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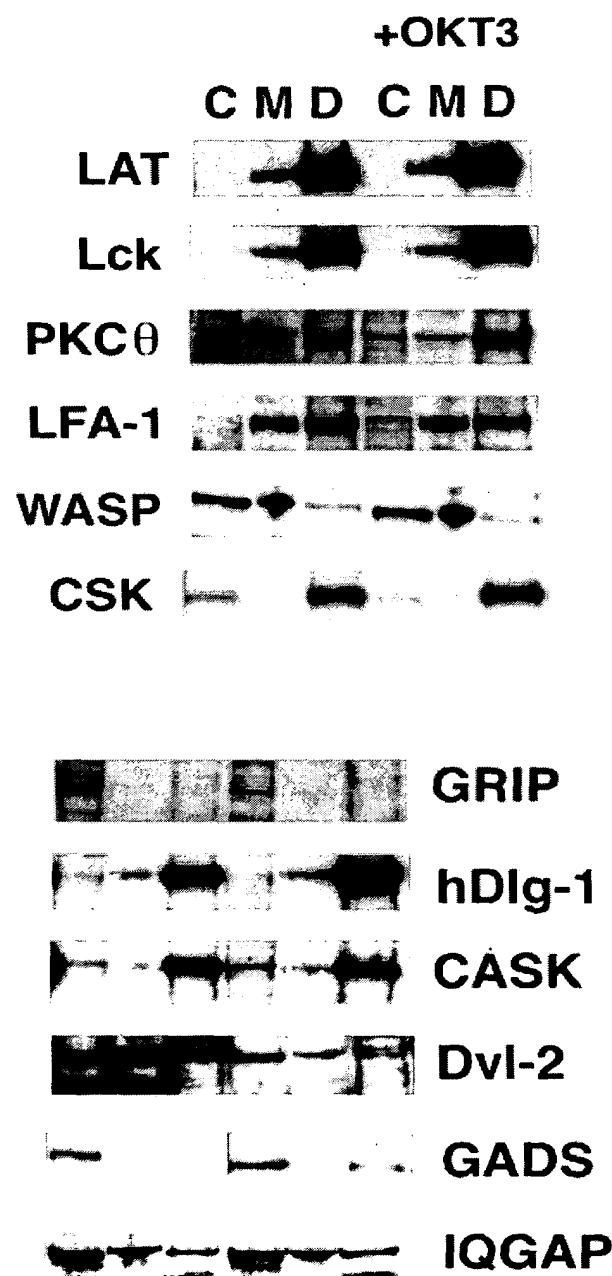


FIG.6B



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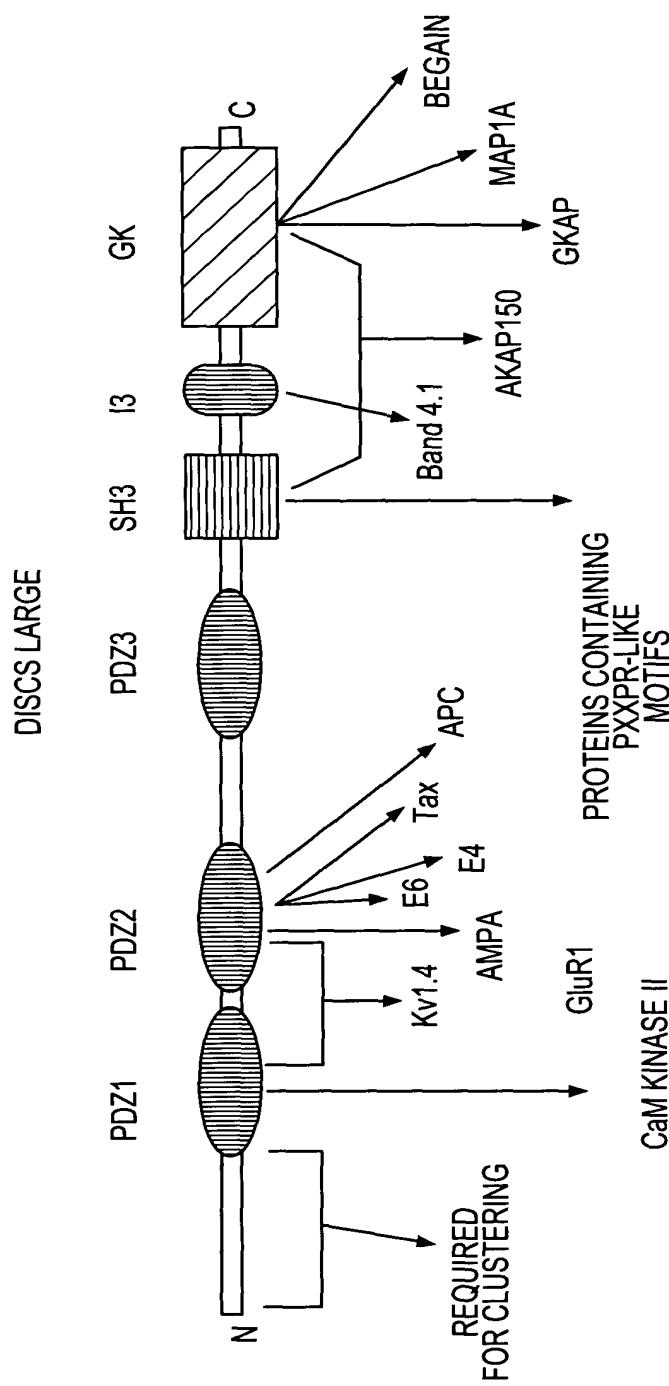


FIG. 7A



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- Lck + Lck
C M D C M D

 hD Ig1

FIG.7B

OKT3 - + - + - +
Lys Total Cyt Memb

 - Actin

hD Ig-1 ip / Actin blot

FIG.7C

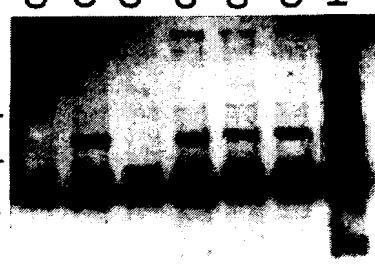
97 -
66 -
46 -
30 -
21 -
Control CD3 CD28 CD3 + CD28 (2X) CD3 + CD28 (3X) H₂O₂

- PLC_γ1
- Dig-1
- CD3_ε
 - Dig-1

FIG.7D



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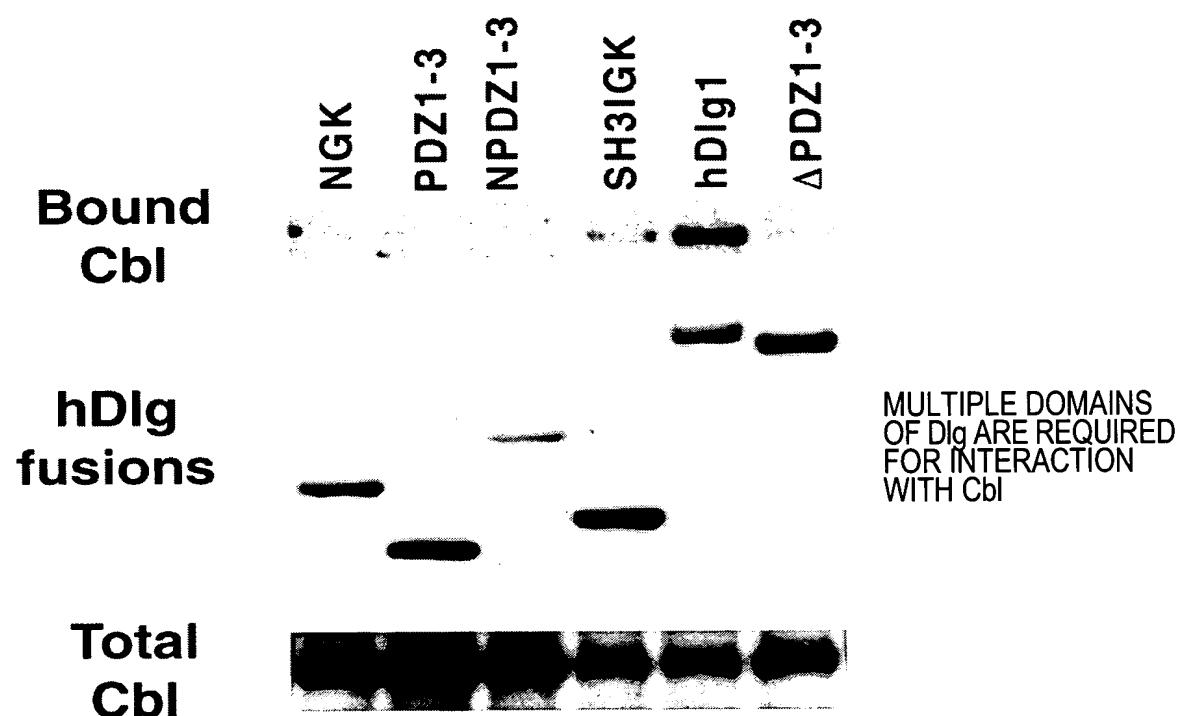
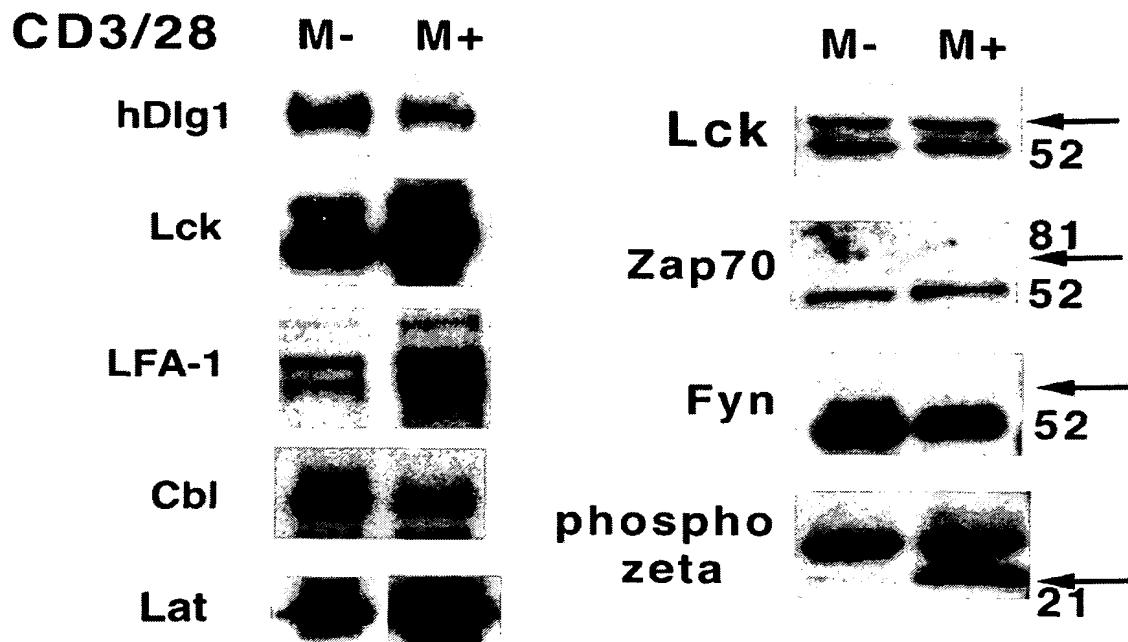


FIG.8



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Many Important Signaling and Adhesion Molecules Bind Dlg in T cells



Ip: Dlg; Blot: Abs Indicated

FIG.9



DISCS LARGE INTERACTION PARTNERS

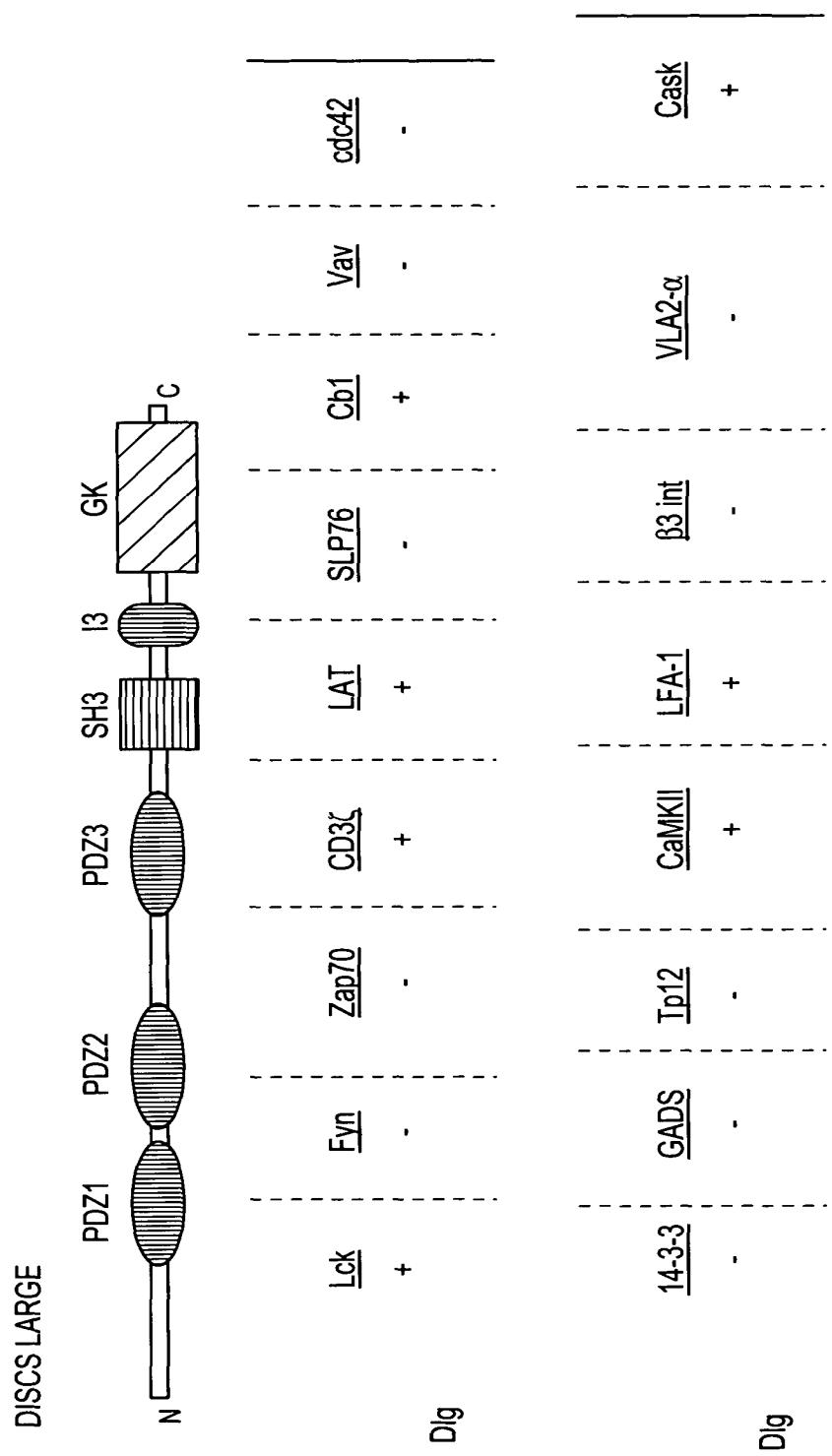


FIG. 10



GROSS MAPPING OF INTERACTIONS

	Lck	CD3 ζ	LAT	Cbl
Dlg	N GFP	PDZ1 PDZ2 PDZ3 SH3 β GK	+	+
GFP	N GFP	C	-	-
NGK	N GFP	GK	+	-
GK	N GFP	GK	-	-
Dlg(1-218)	N GFP	PDZ1	+	+/-
NPDZ1-3	N GFP	PDZ1 PDZ2 PDZ3	+	-
PDZ1-3	N GFP	PDZ1 PDZ2 PDZ3	-	-
SH3 β GK	N GFP	SH3 β GK	-	+

FIG. 11

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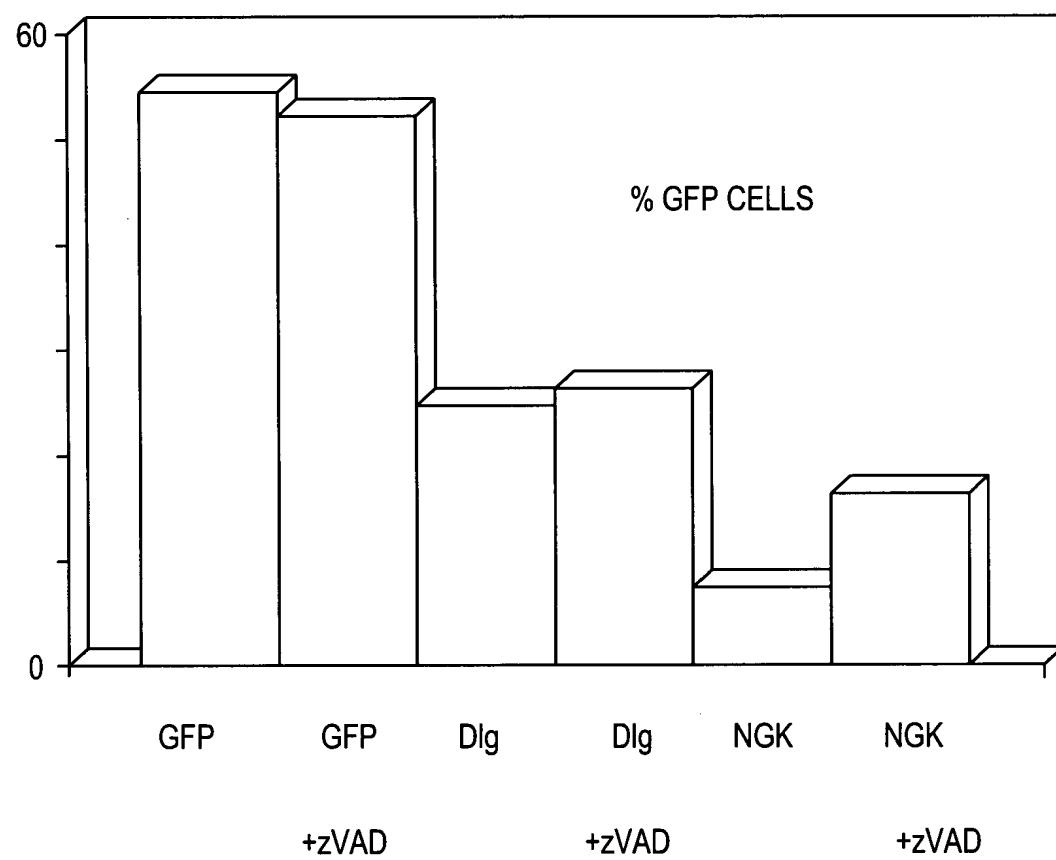


FIG.12A



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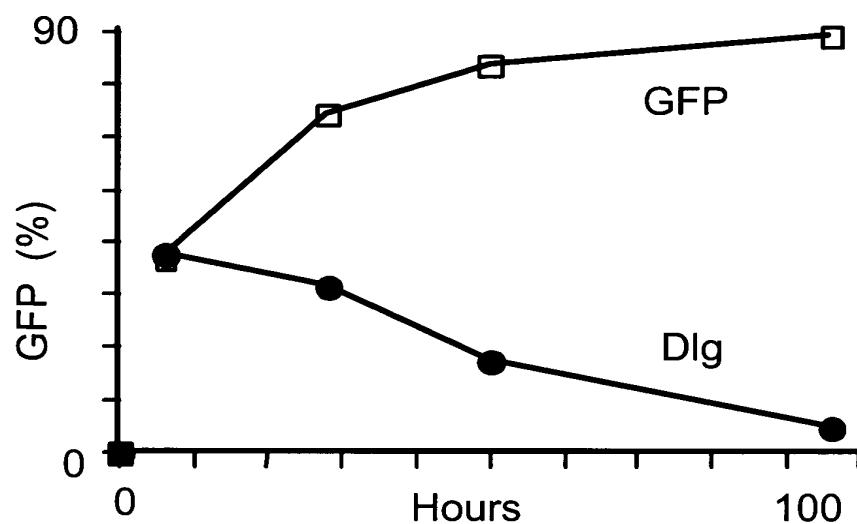


FIG.12B

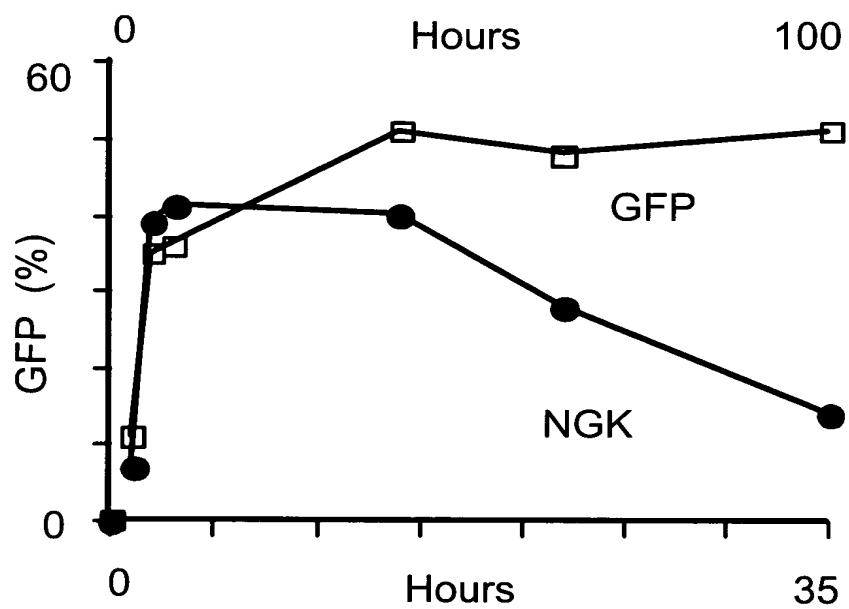


FIG.12C



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ANATOMY OF THE DEATH RESPONSE

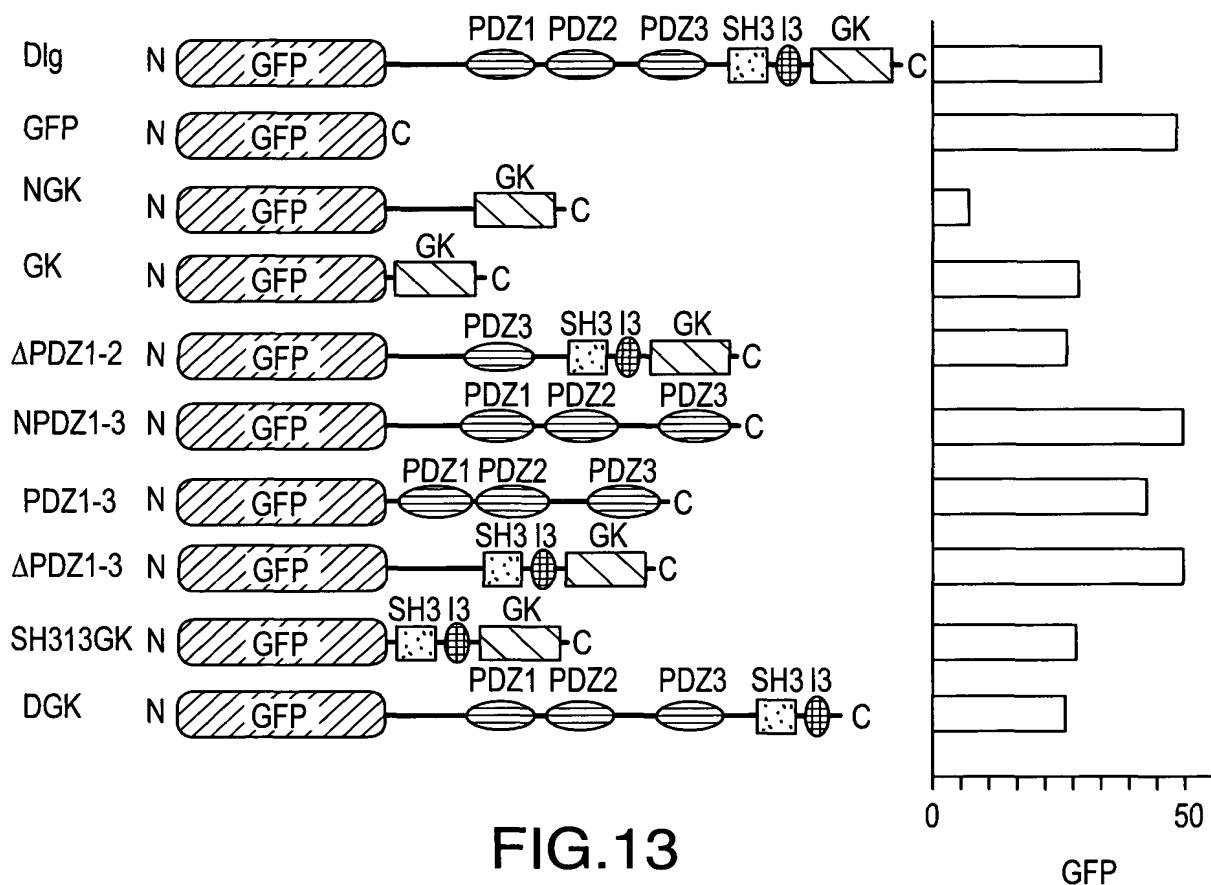


FIG.13



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hDig ATTENUATES Ca^{++} MOBILIZATION

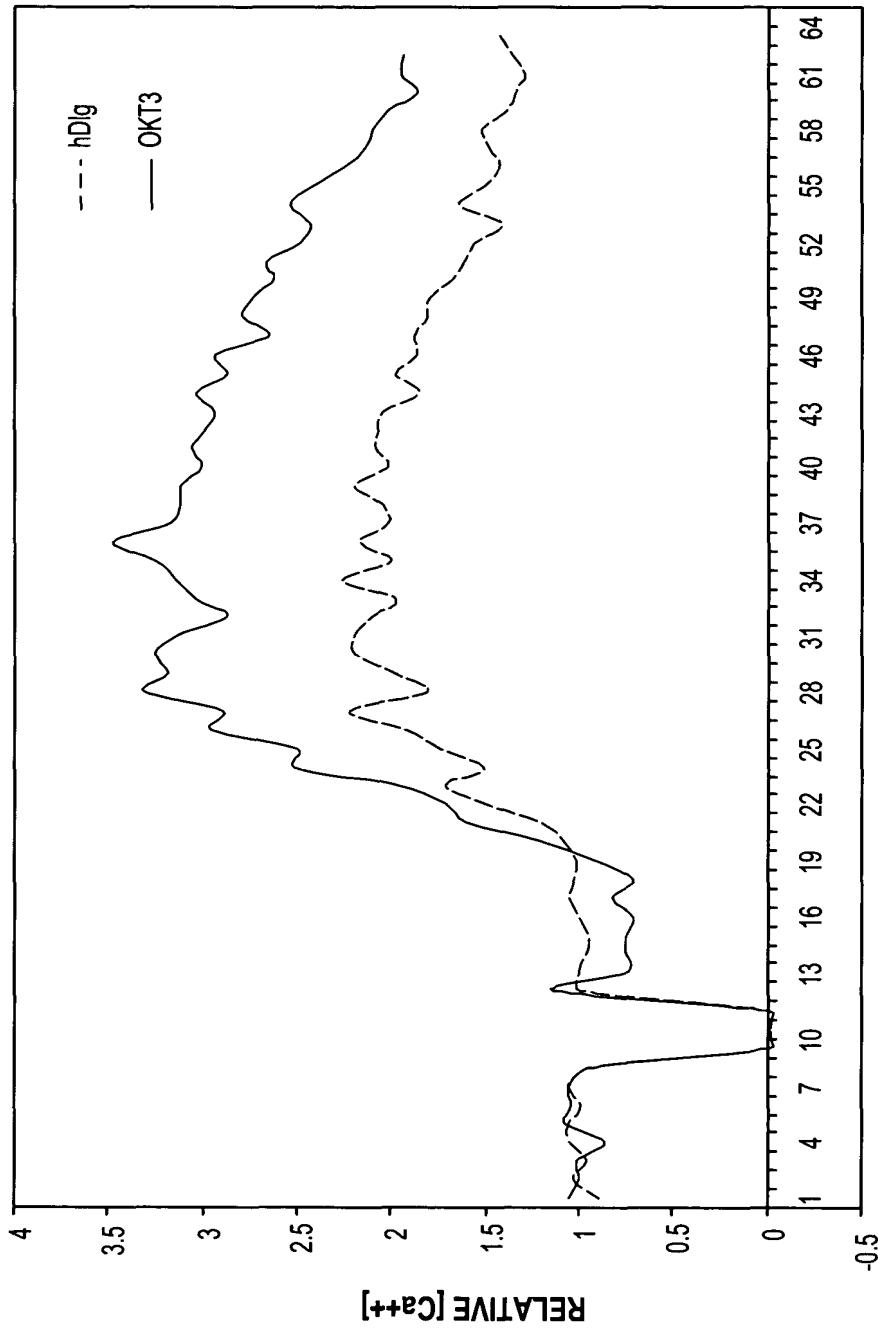


FIG. 14



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CASK DOMAIN STRUCTURE

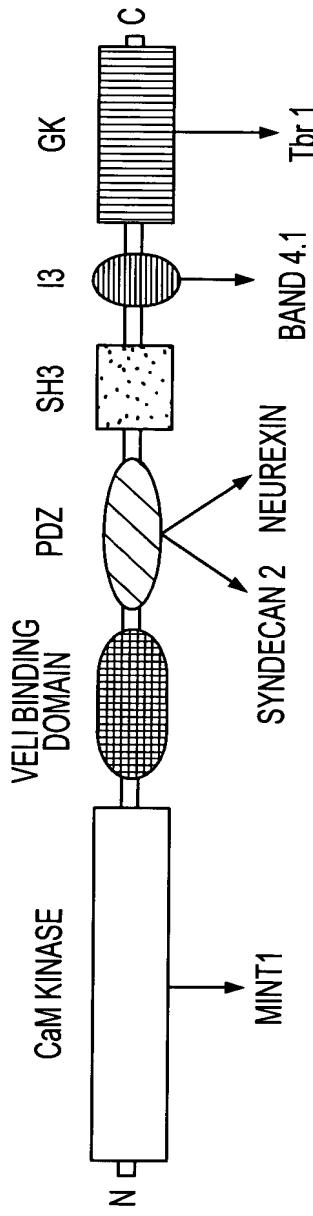


FIG. 15A

IN VIVO ASSOCIATION STUDIES
BETWEEN Cdc42/Rac and CASK DELETIONS

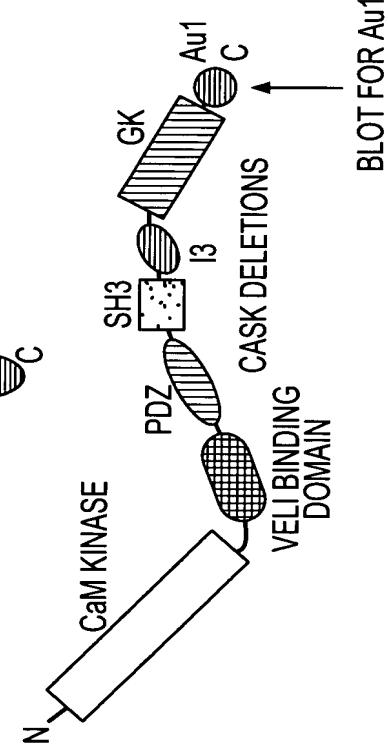
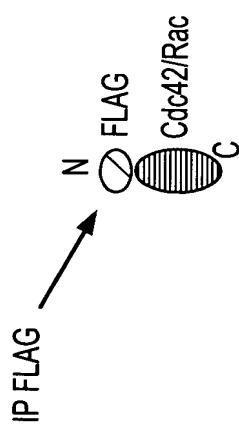


FIG. 15B



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CASK interactions in Jurkat cells

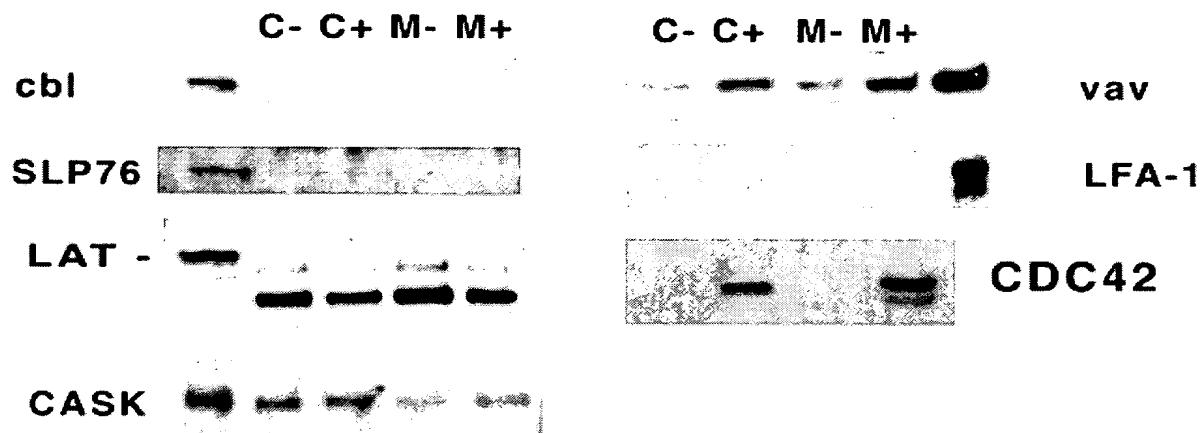


FIG.16A

CASK interactions in 293T cells

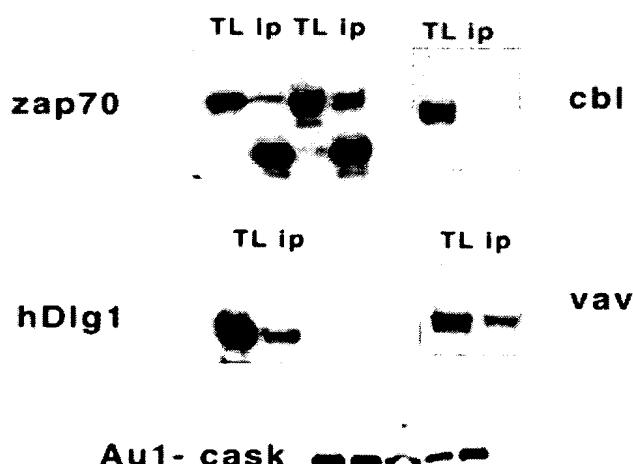


FIG.16B

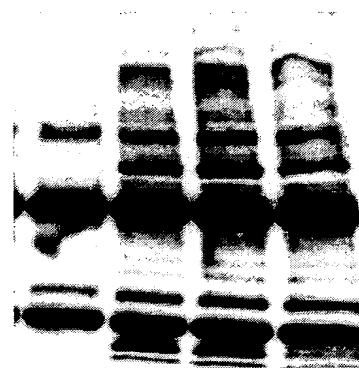


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Activation-Dependent Association of Signaling Molecules with CASK

OKT3 0' 3' 7' 10'

ip: CASK



Blot Ab:

4G10

PKC θ

Zap70

FIG.17



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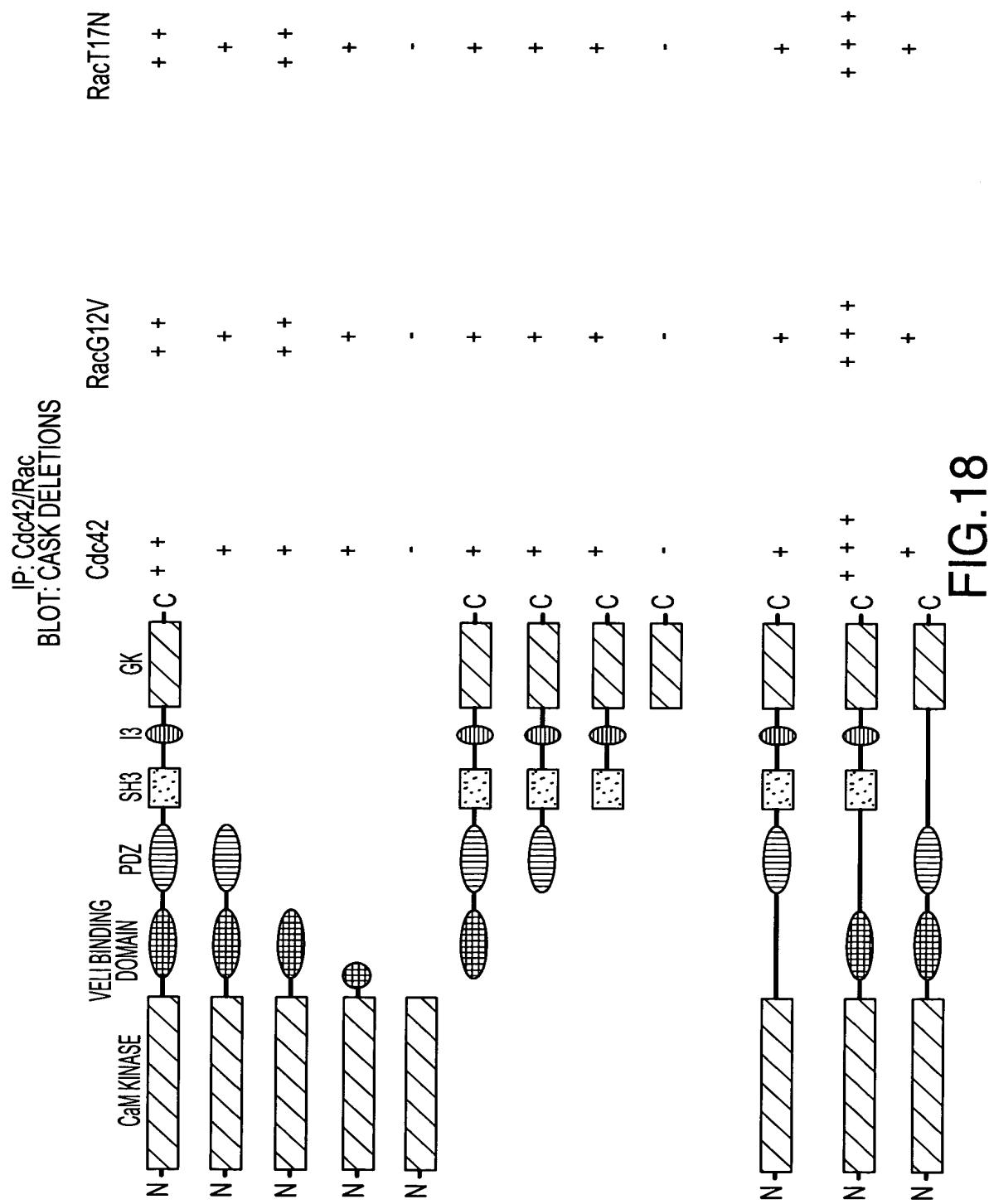


FIG. 18



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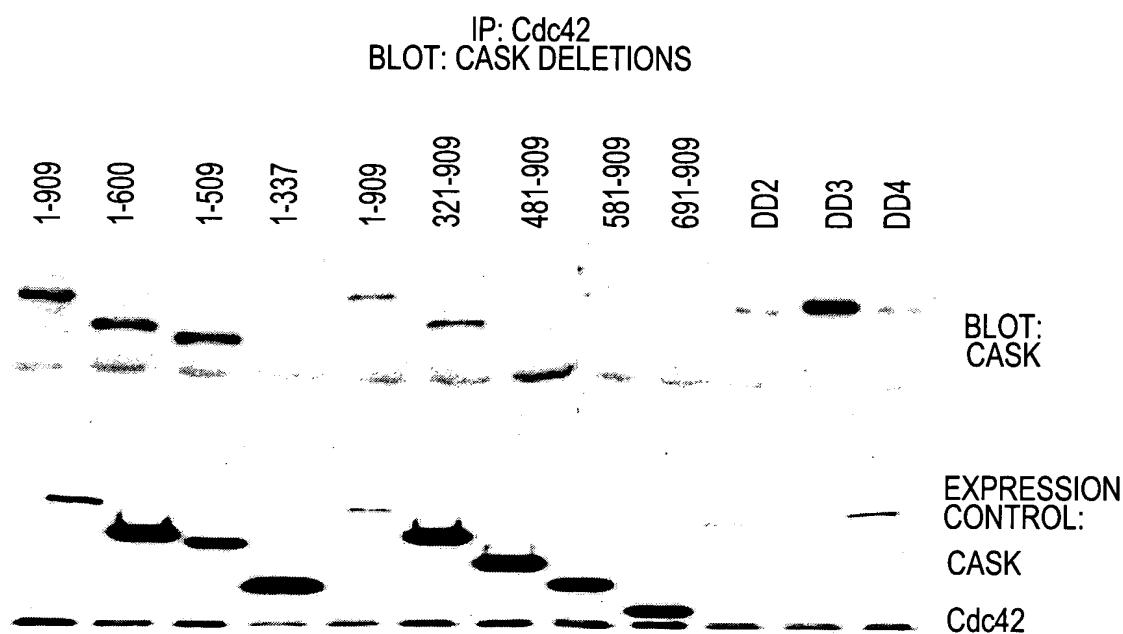


FIG.19



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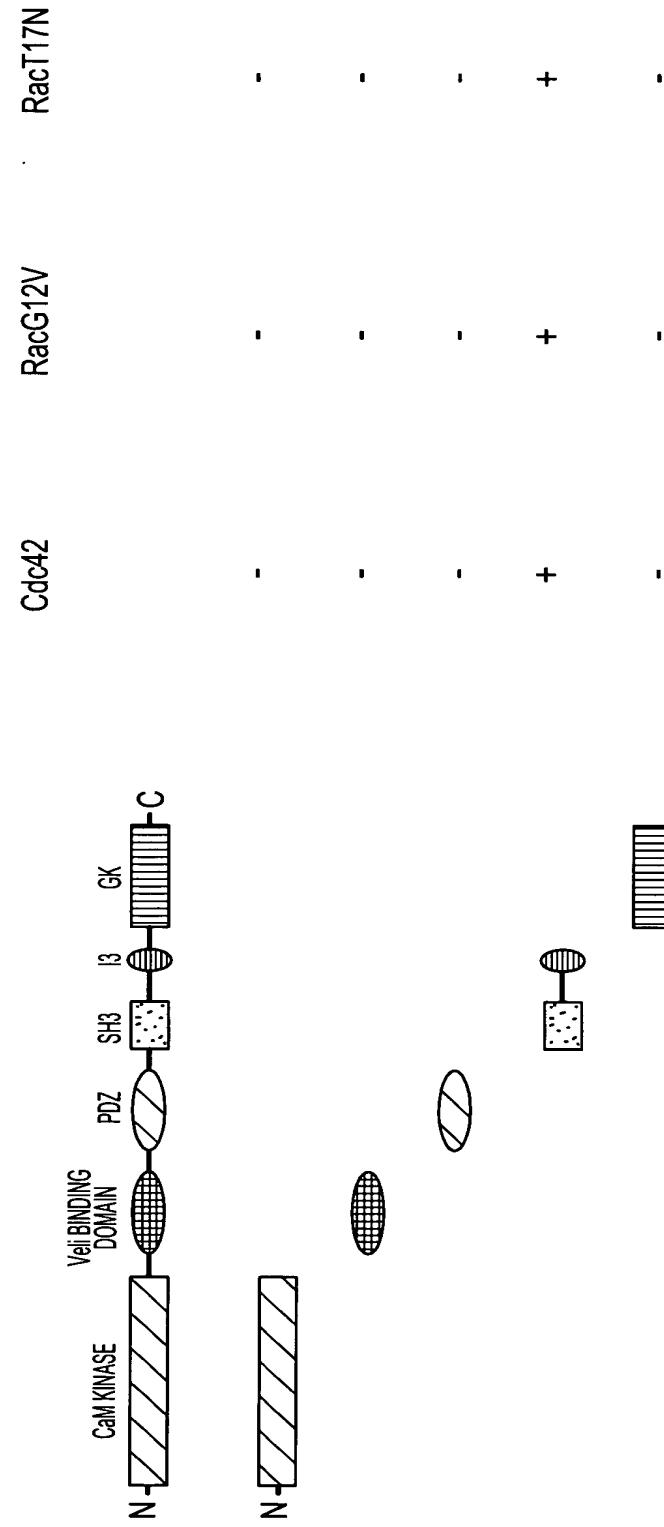


FIG.20A



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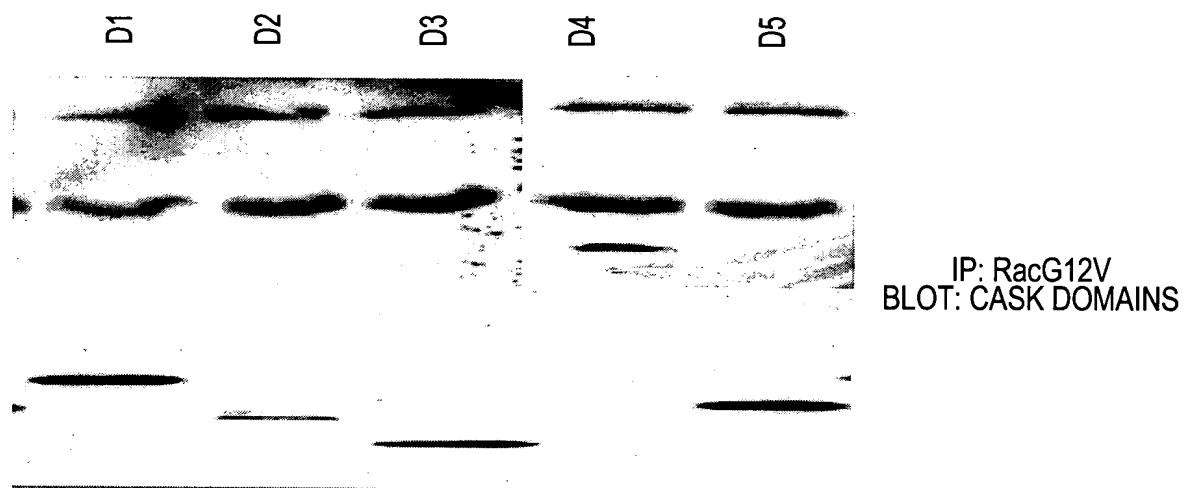


FIG.20B



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OPPOSITE ACTIONS OF CASK AND Dlg ON NFAT

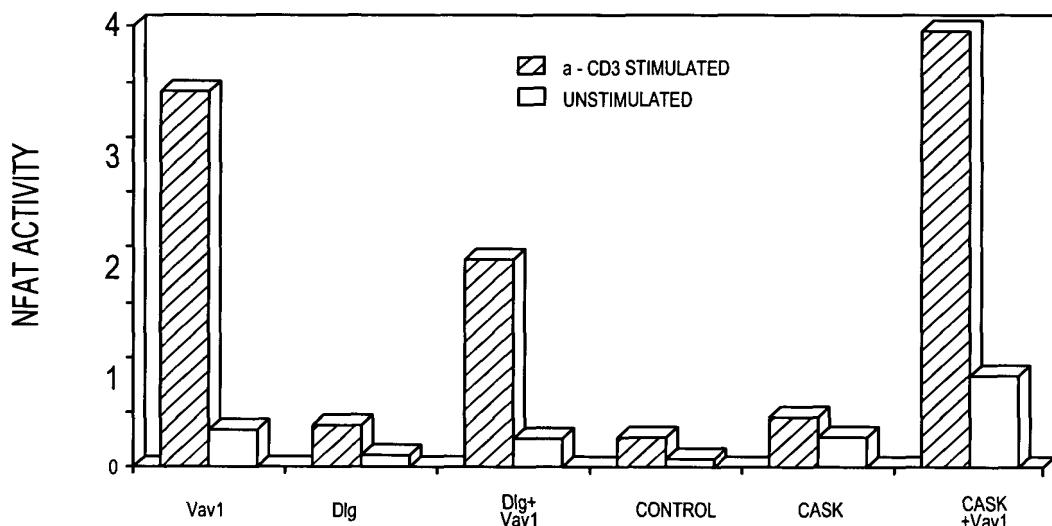


FIG.21A

NF- κ B INDUCTION
IN JURKAT CELLS

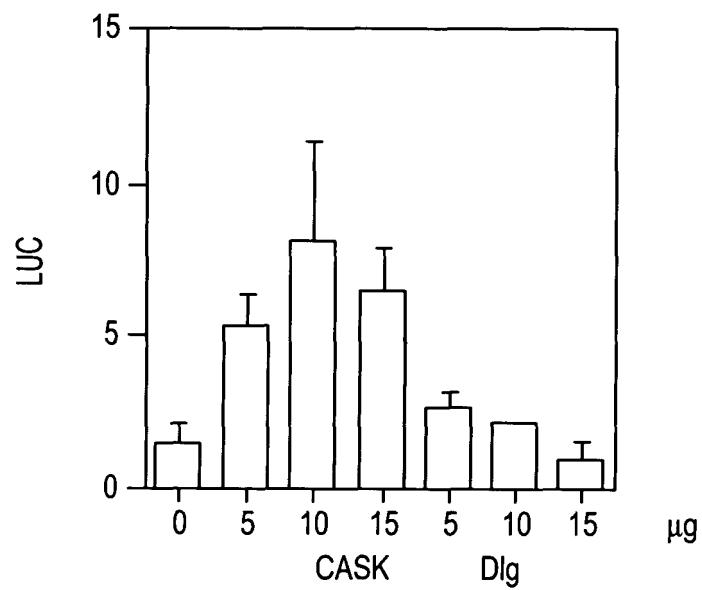


FIG.21B



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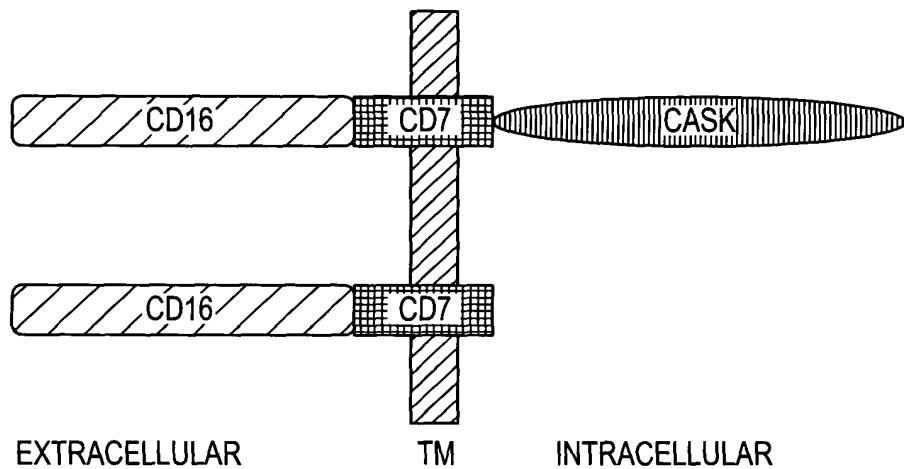


FIG.22A

16:7:CASK Ca++ Mobilization

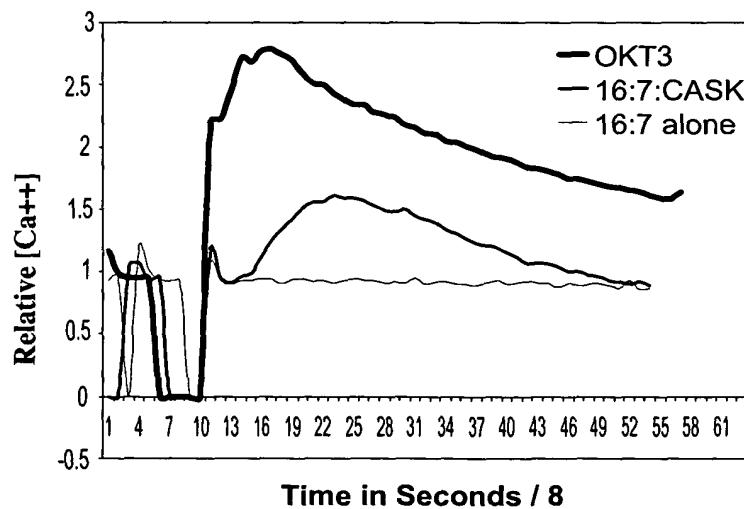
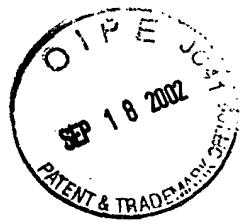


FIG.22B



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DIG AND CASK BINDING PATTERNS

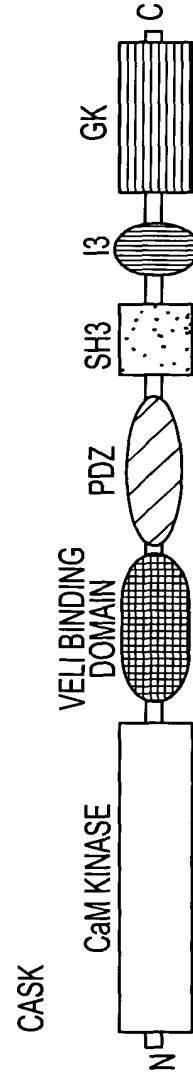
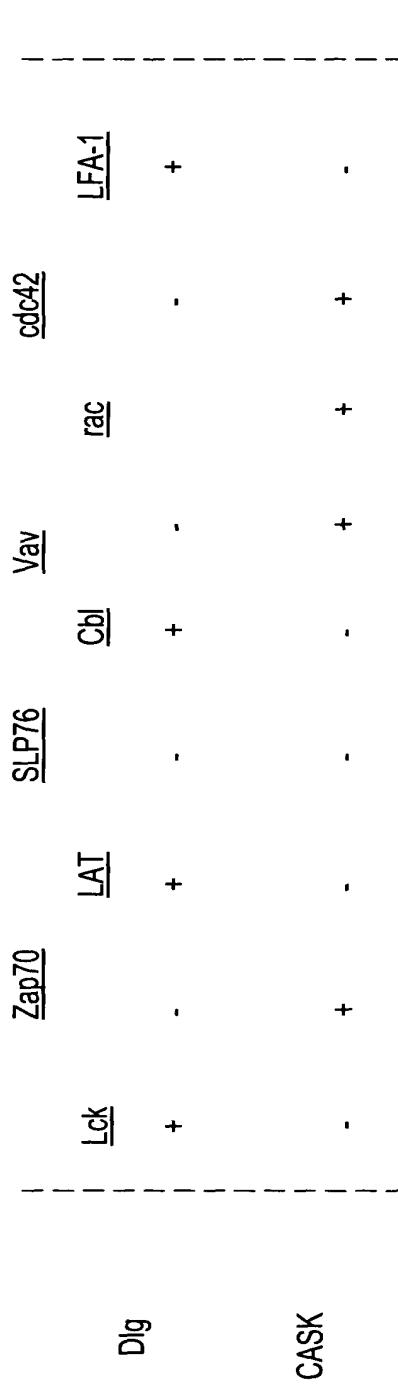
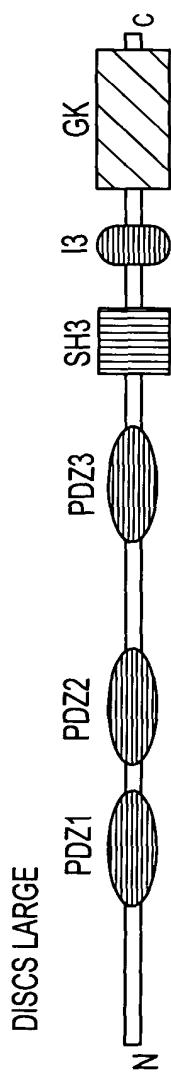


FIG.23